

FIG. 1

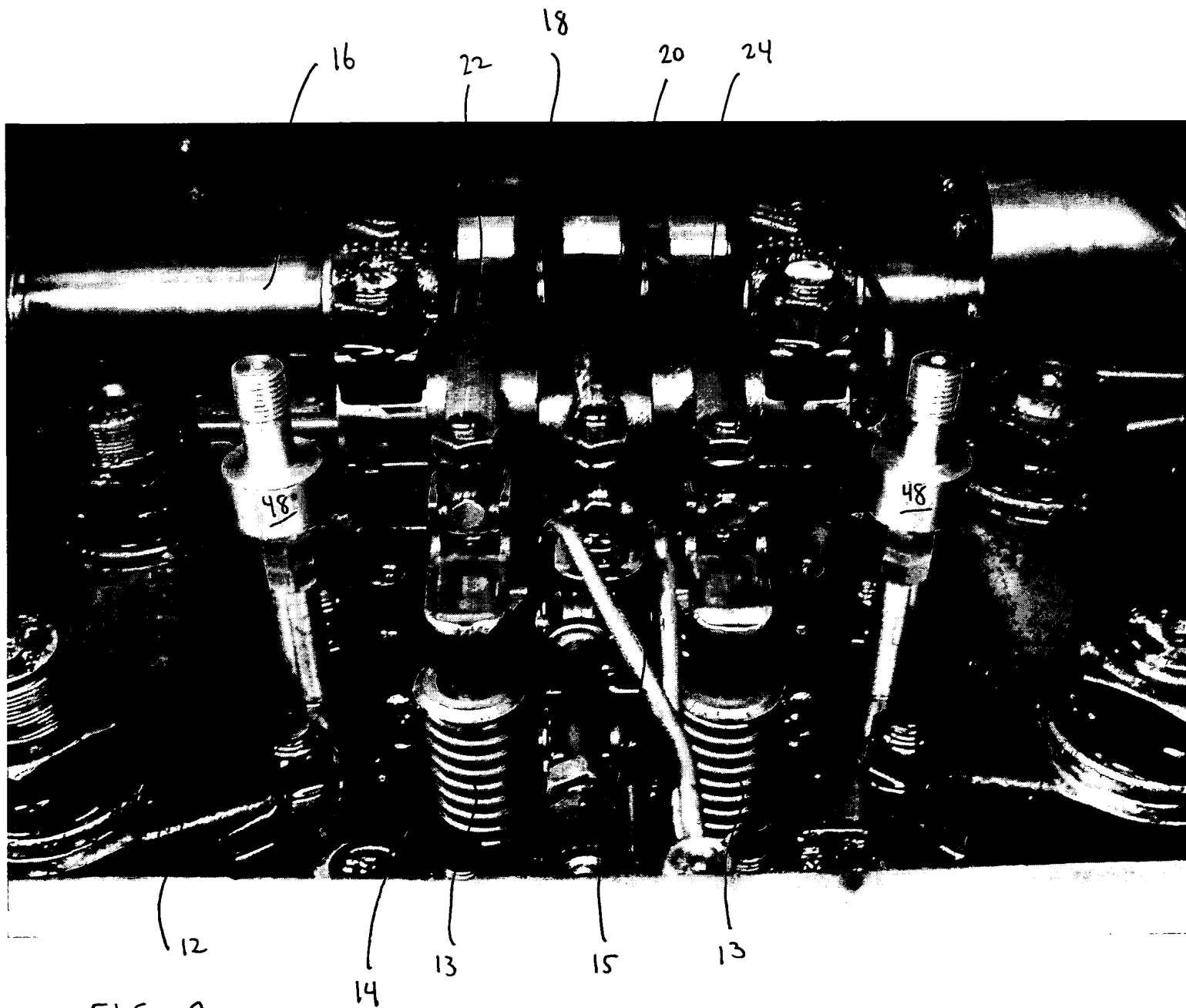


FIG. 2

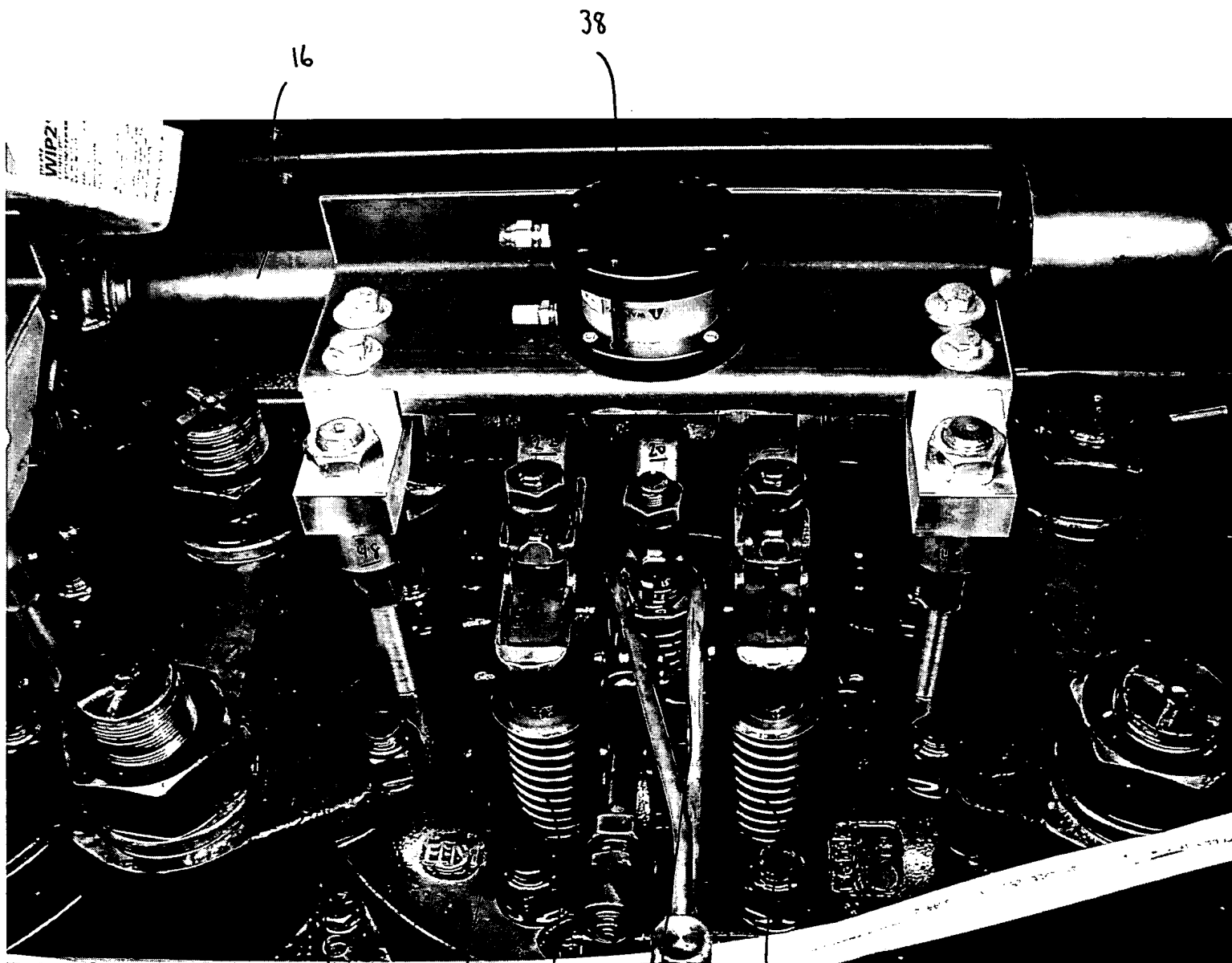


FIG. 3

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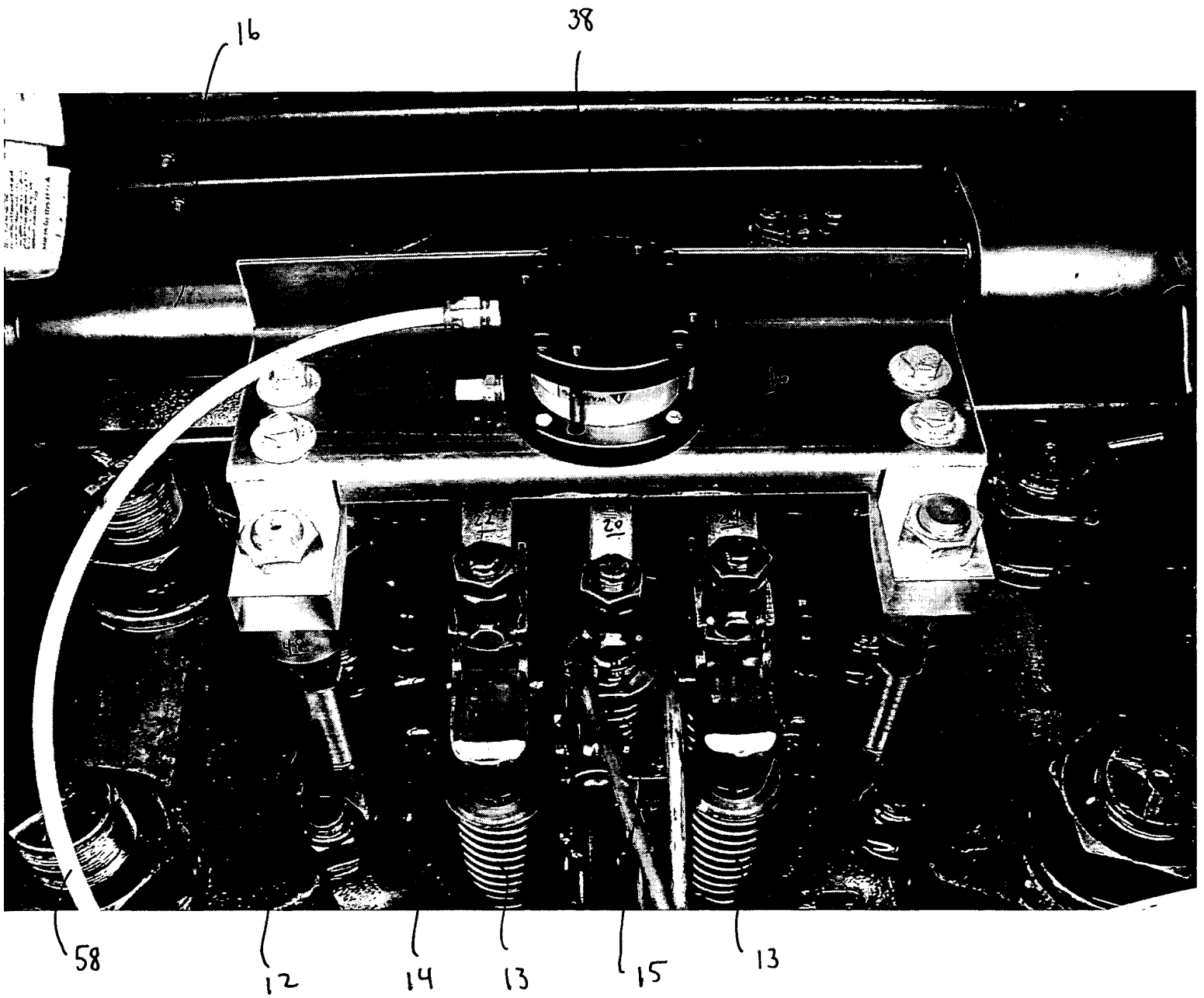


FIG. 4

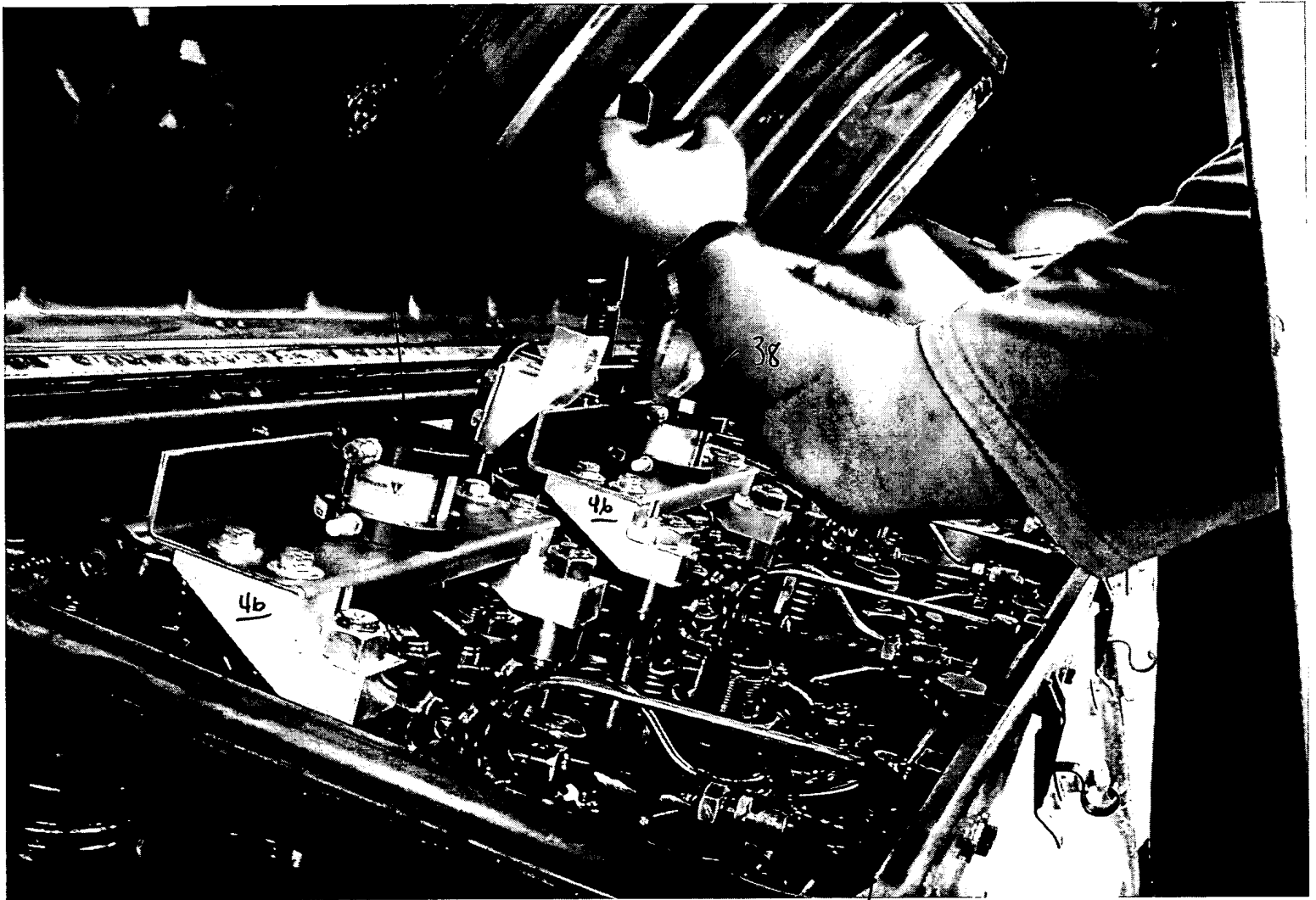
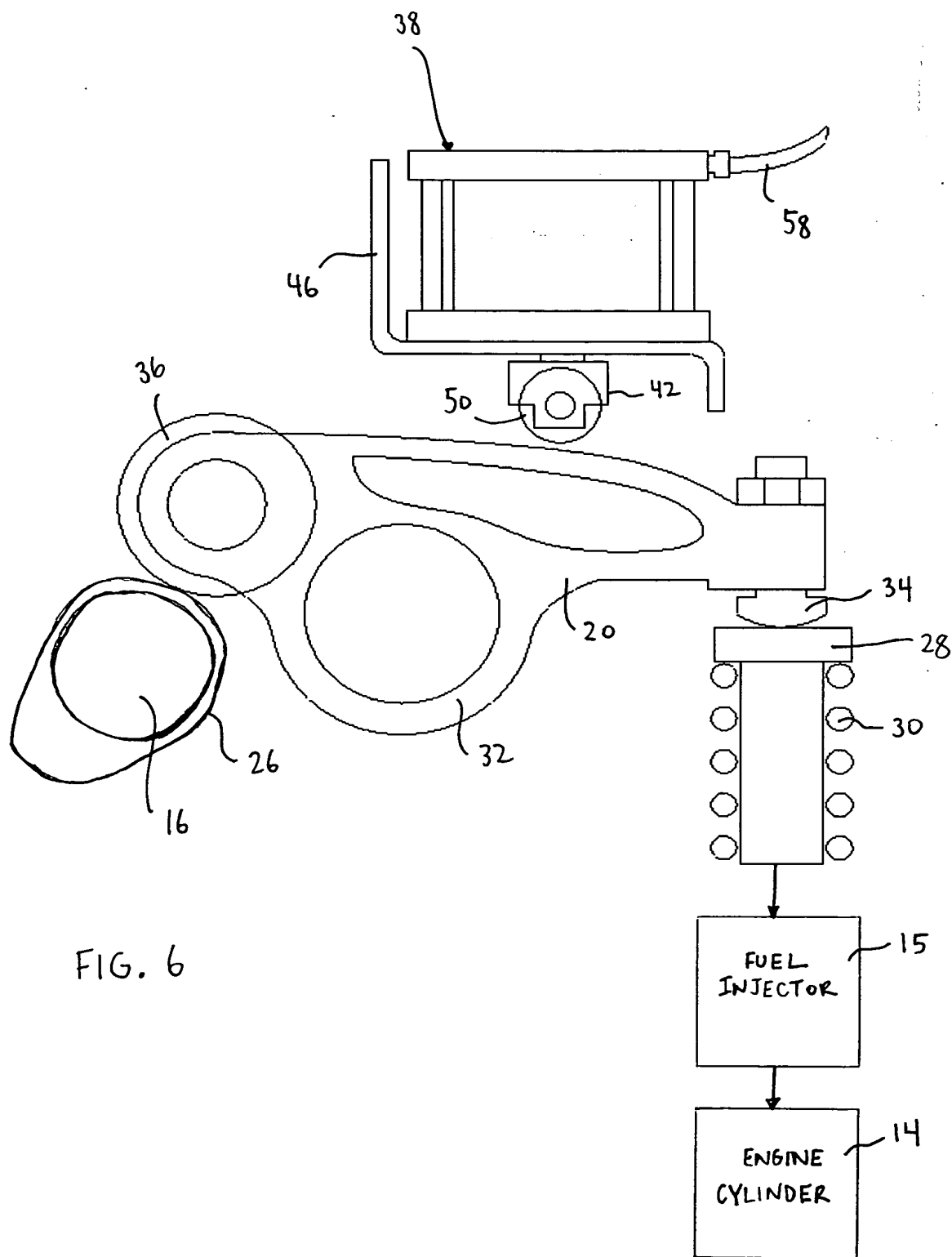


FIG. 5

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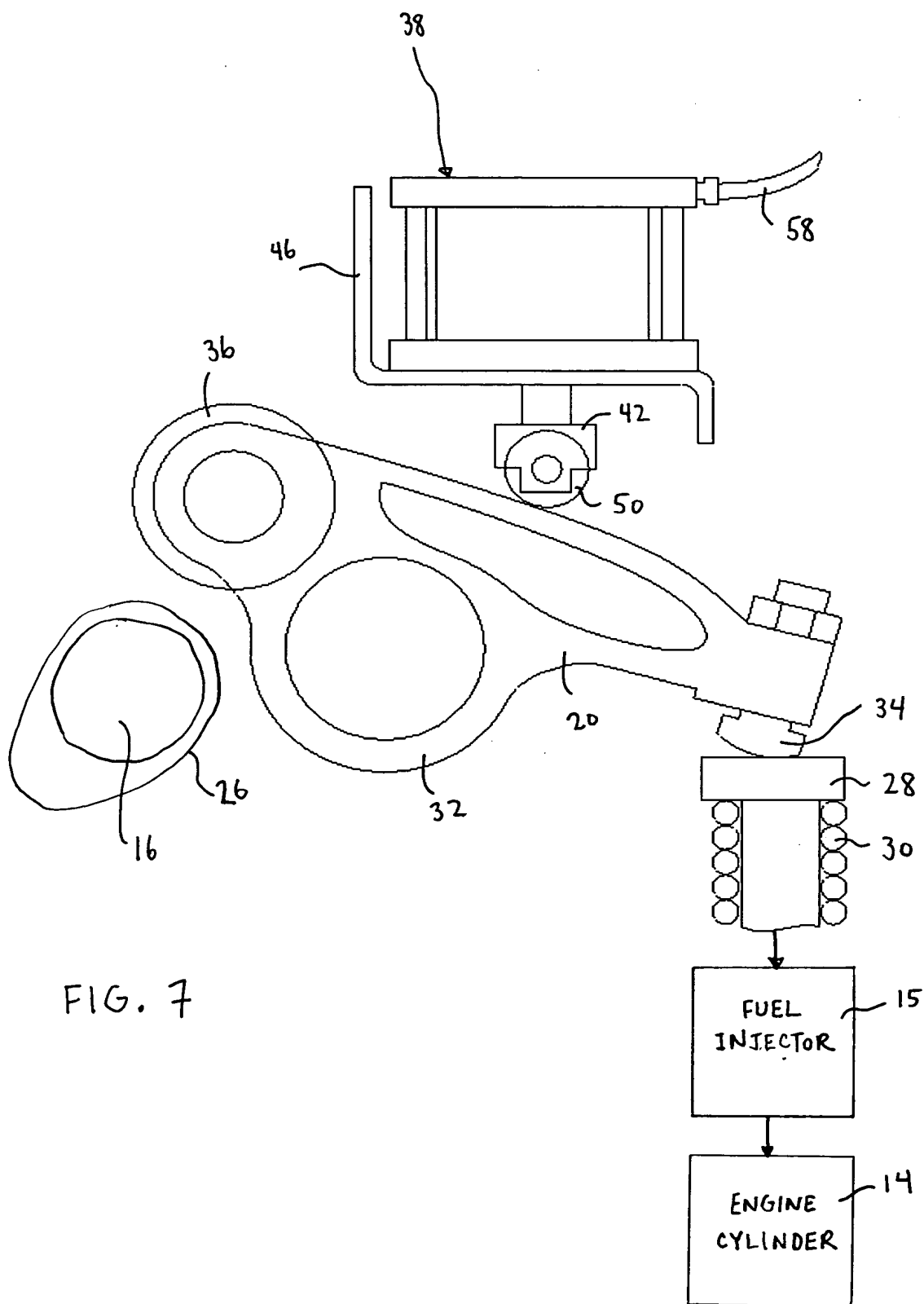


FIG. 7

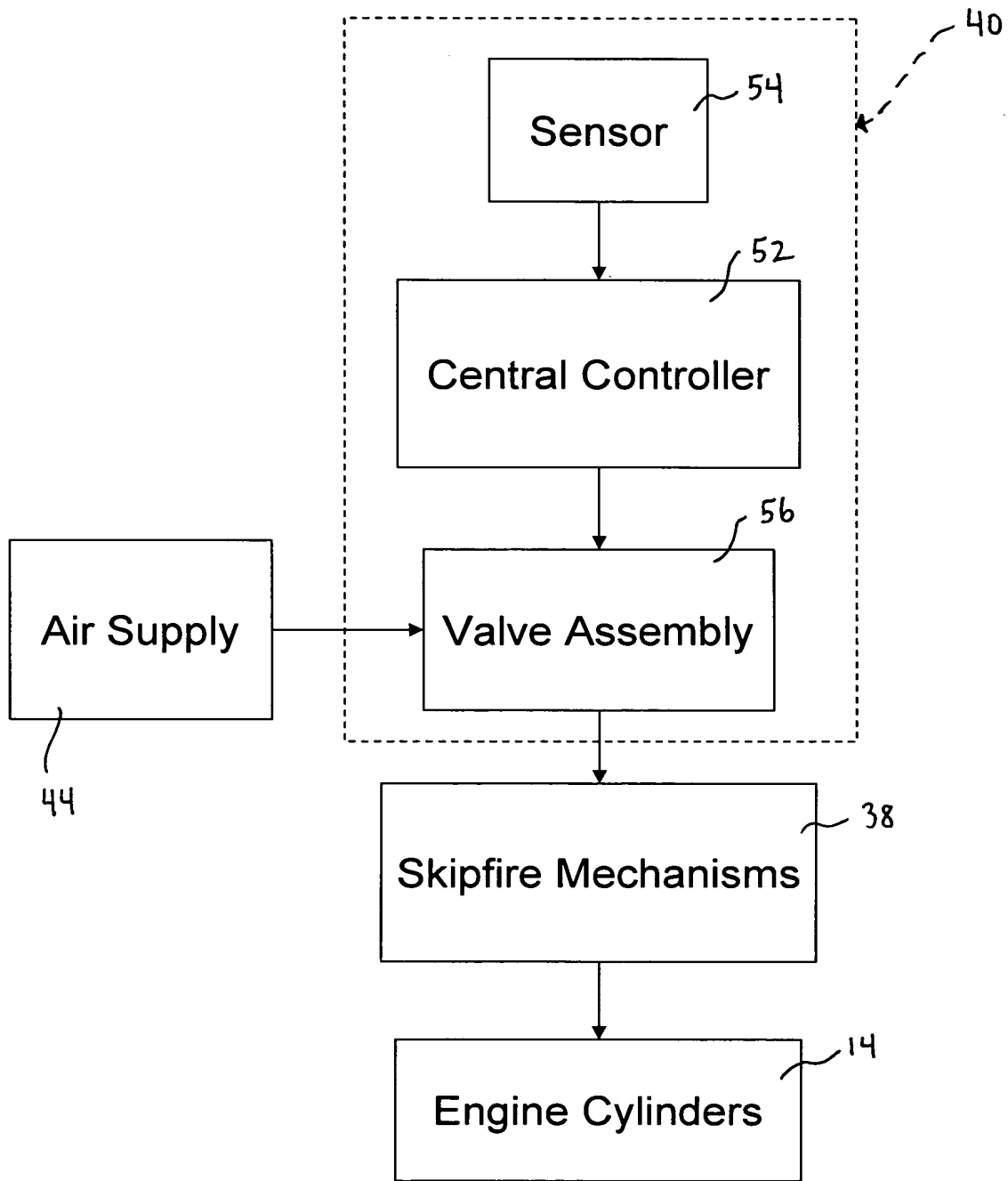


FIG. 8



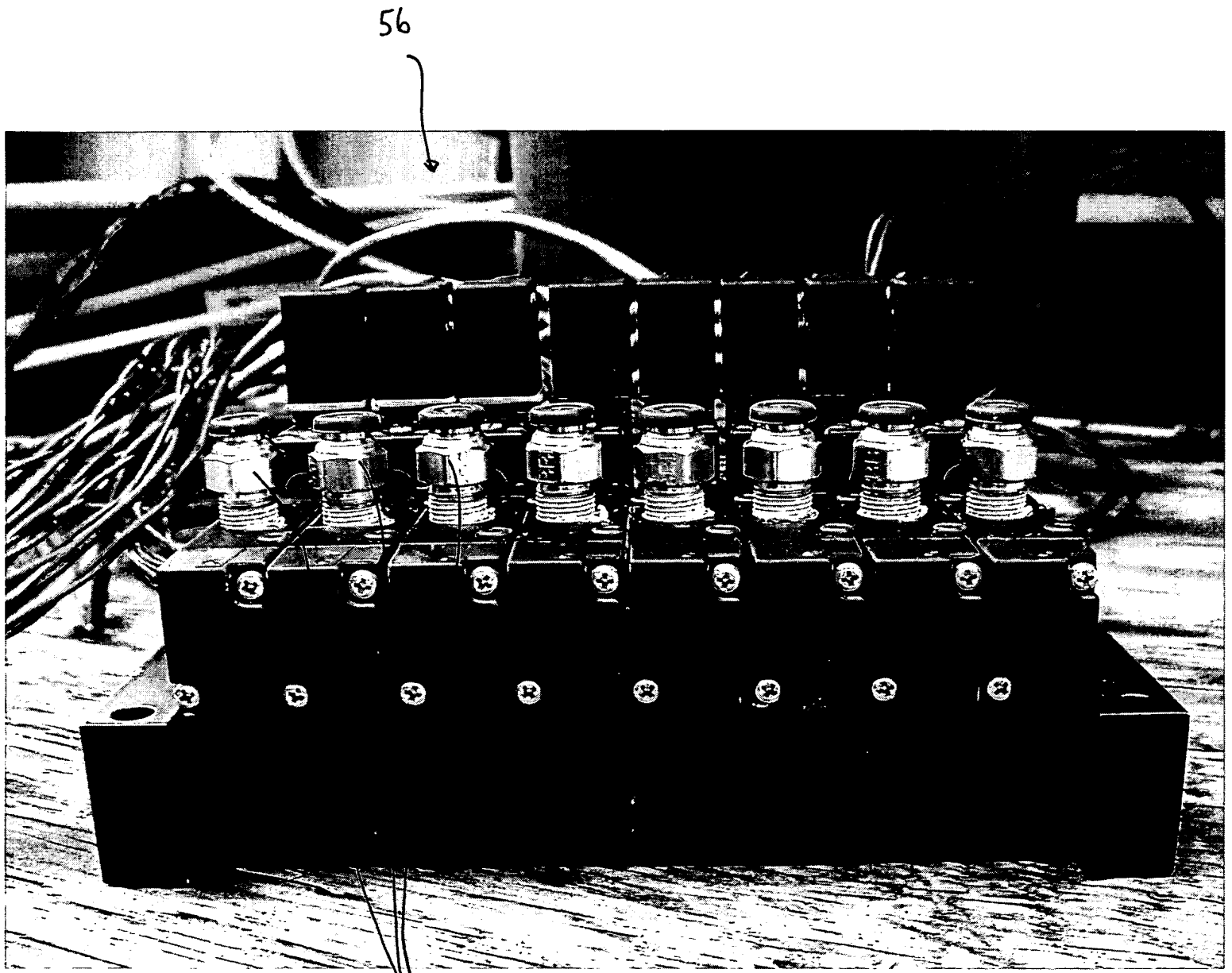


FIG. 9

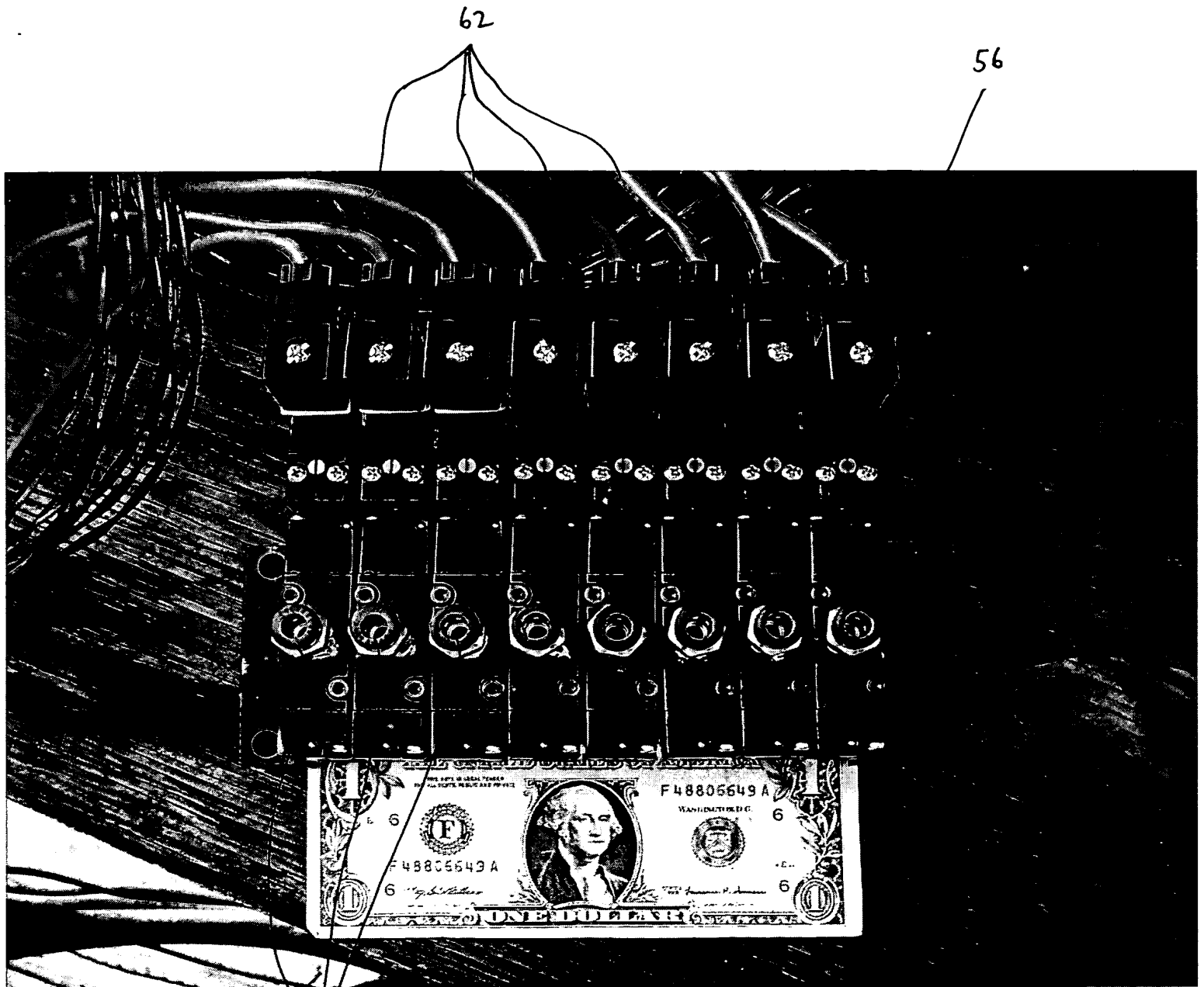


FIG. 10

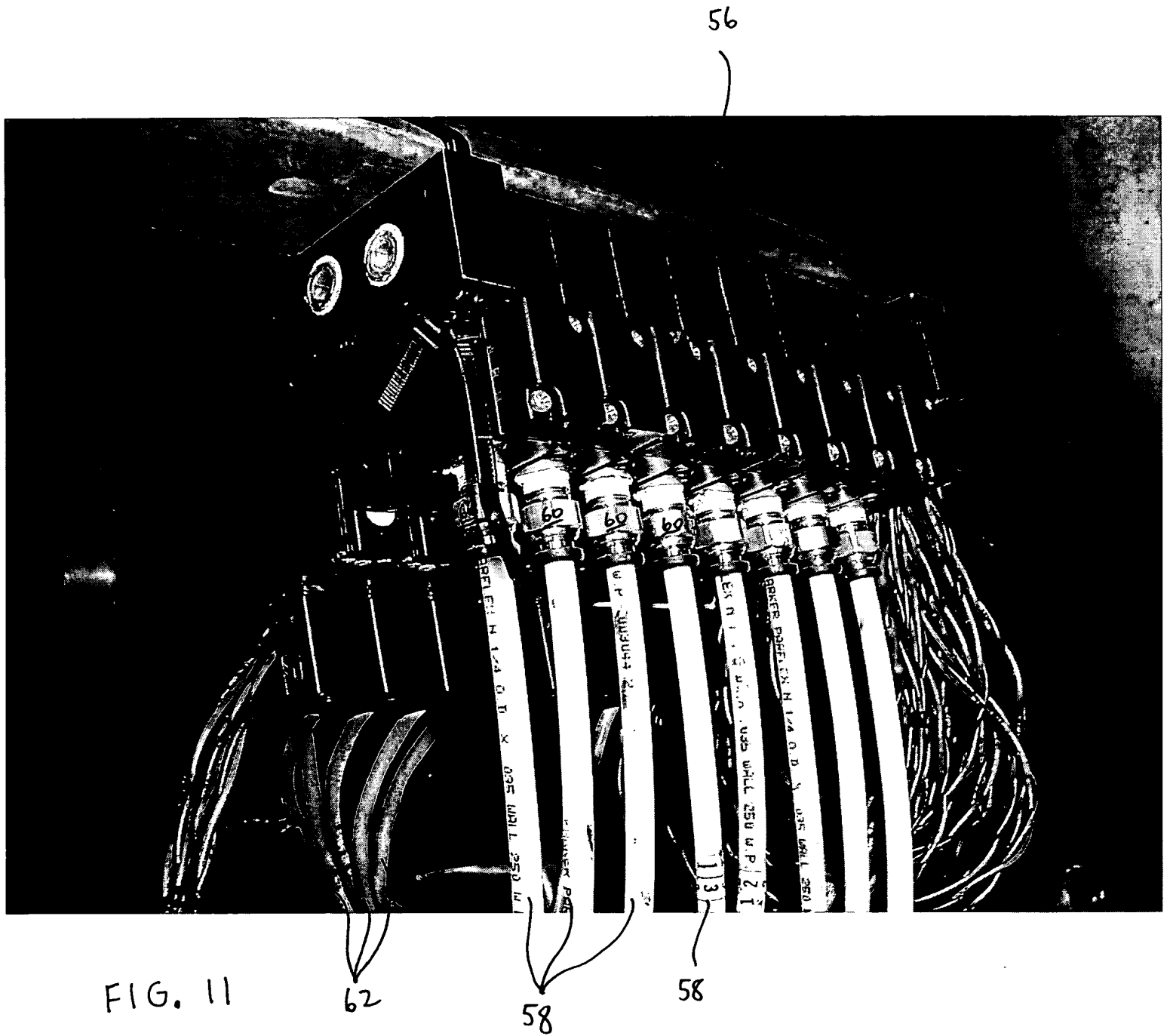


FIG. 11

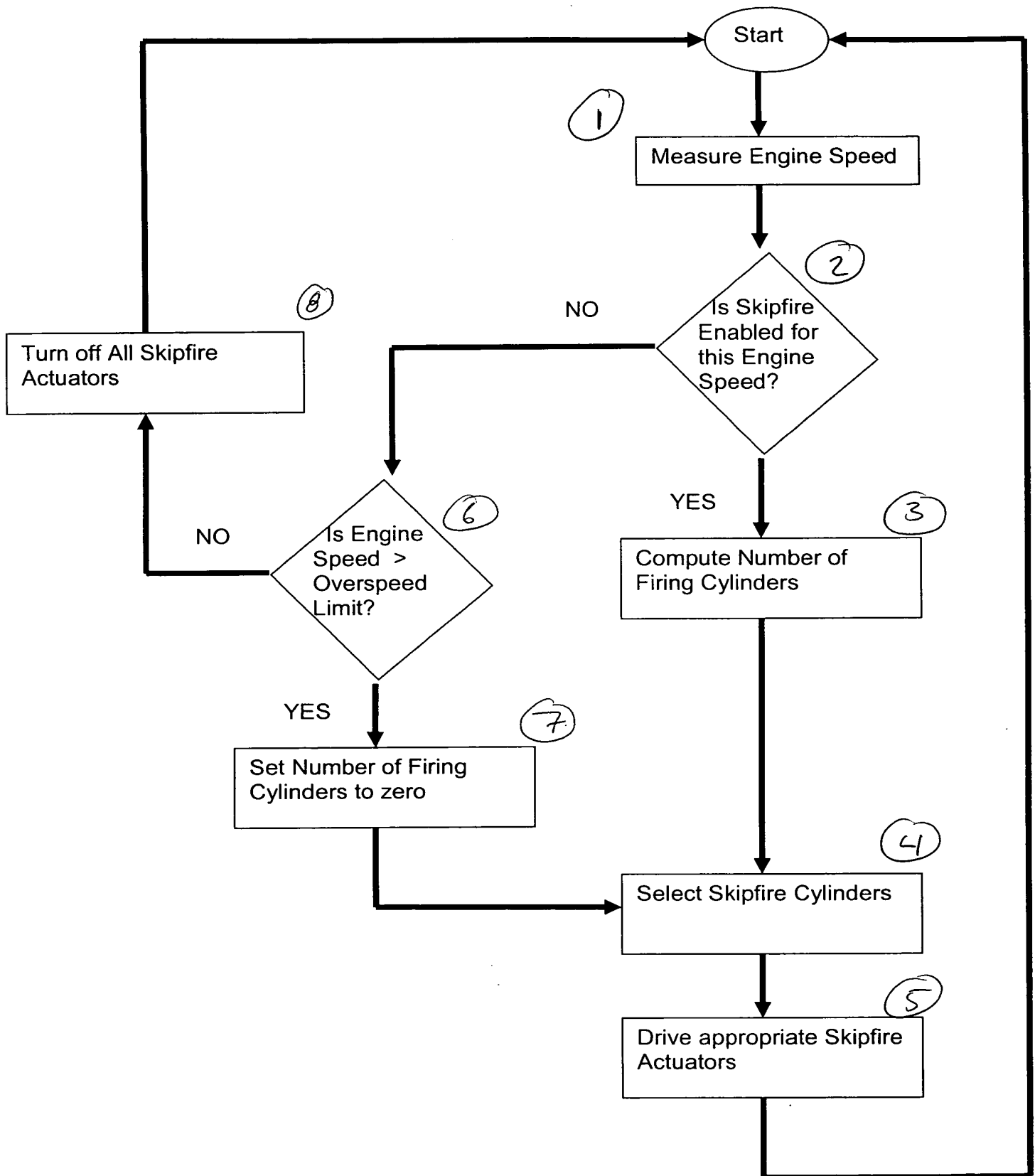


FIG. 12

# Effect of Skip-Fire on Fuel Consumption

Idle Notch w/ -4° Timing

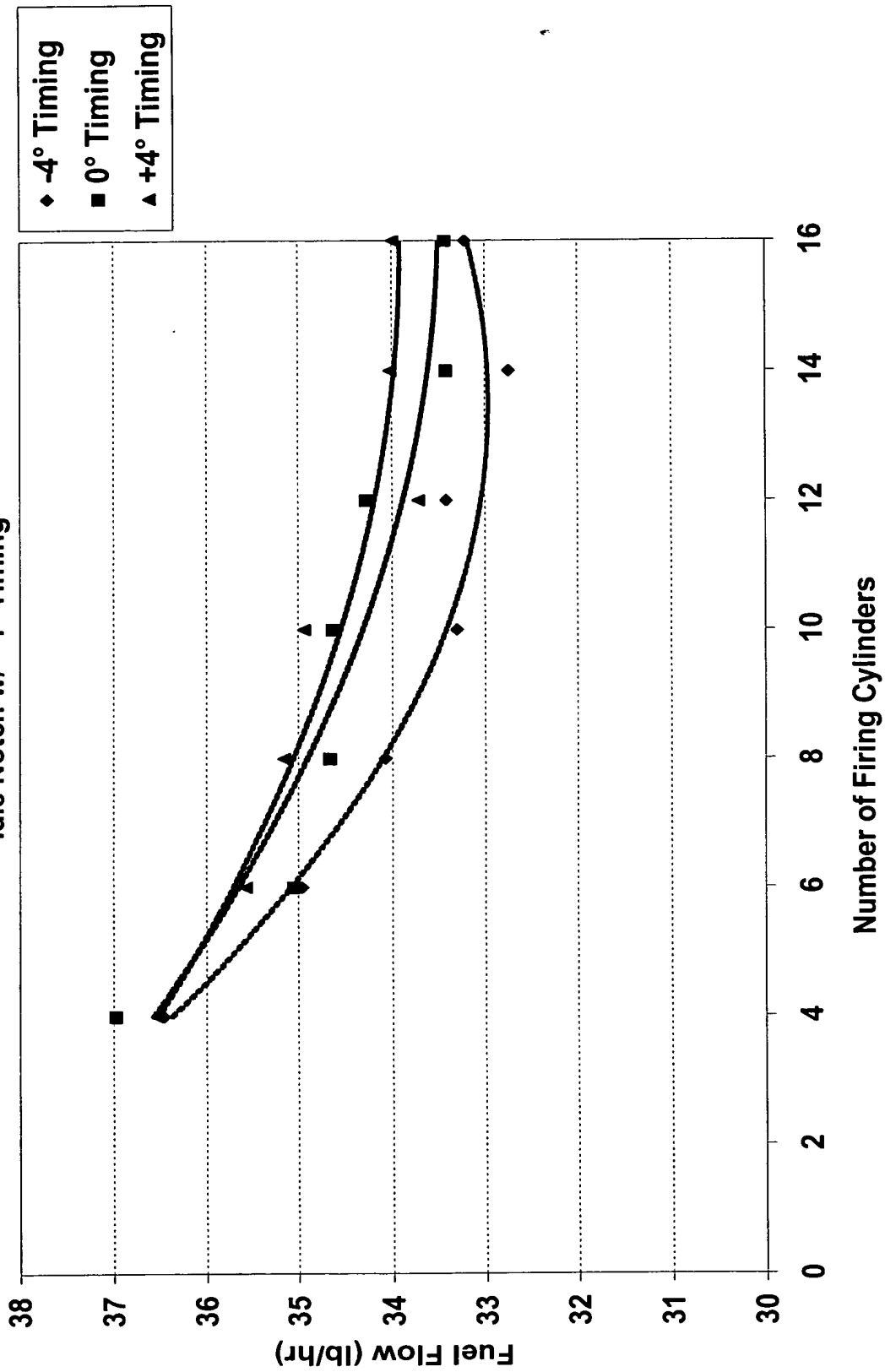


FIG. 13

# Effect of Skip-Fire on Fuel Consumption and NOx

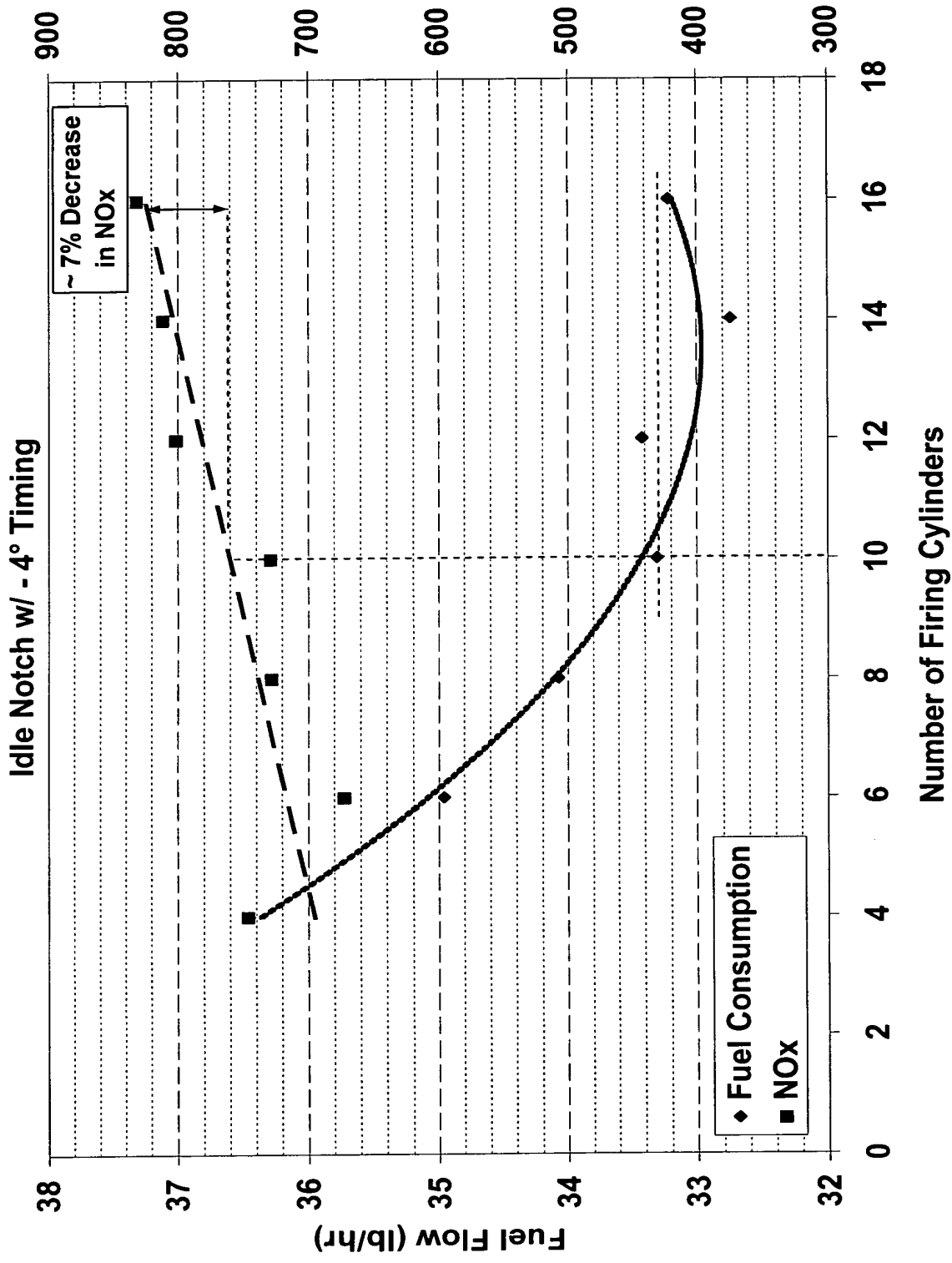


FIG. 14

# Corrected NOx vs. Fuel Consumption

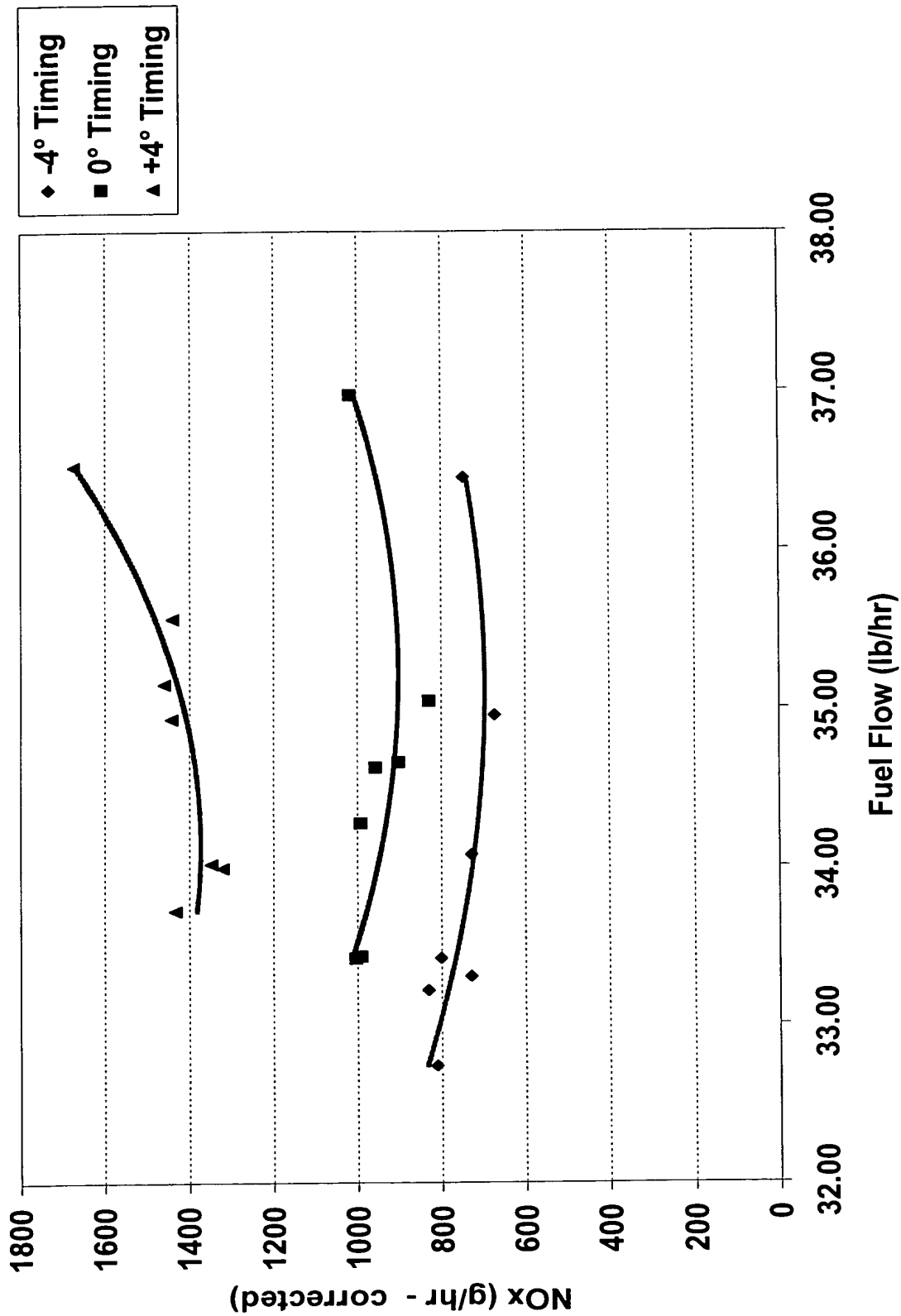


FIG. 15

# Effect of Skip-Fire on HC at Idle

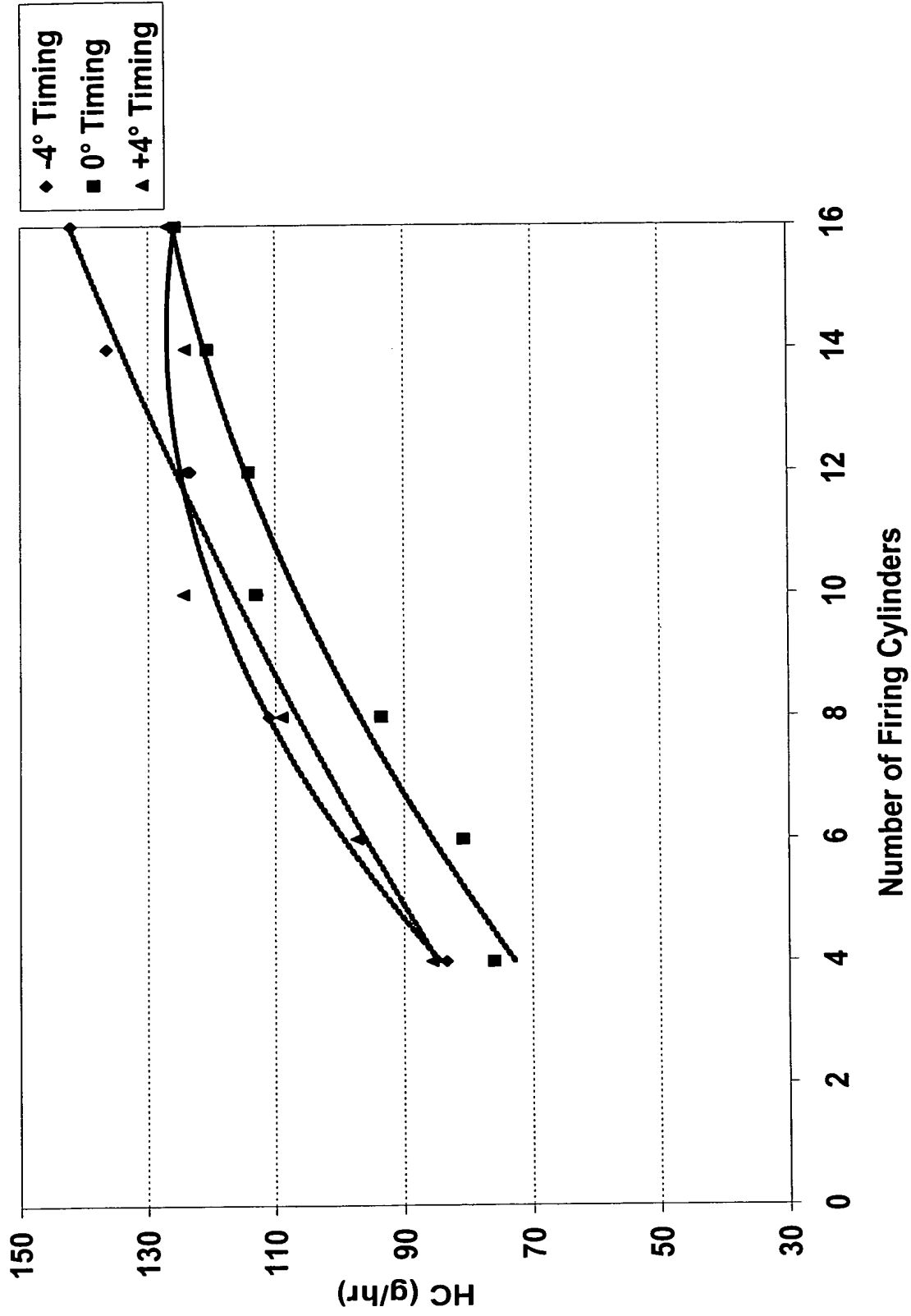


FIG. 16



# Effect of Skip-Fire on CO at Idle

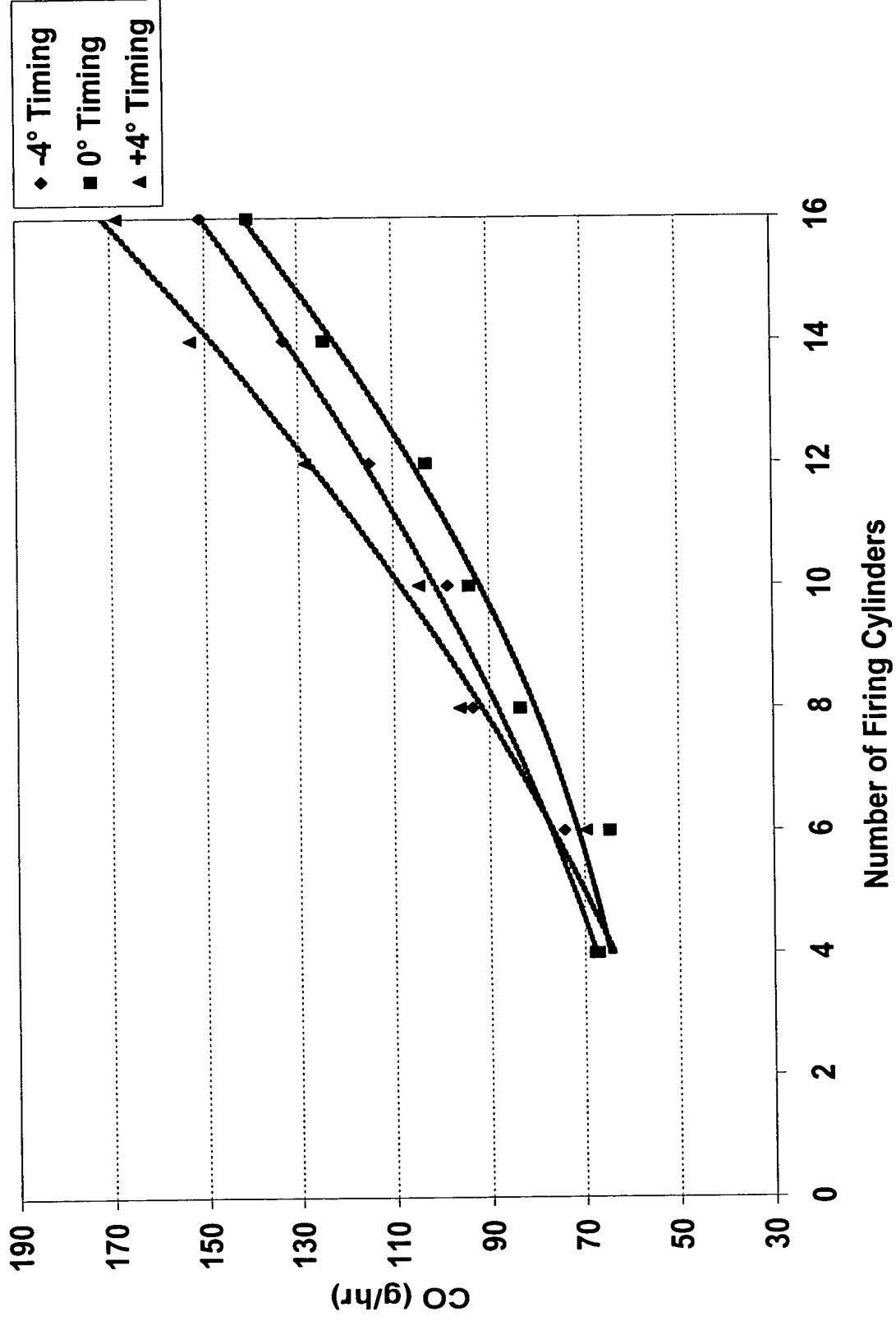


FIG. 17

# Effect of Skip-Fire on NOx at Idle

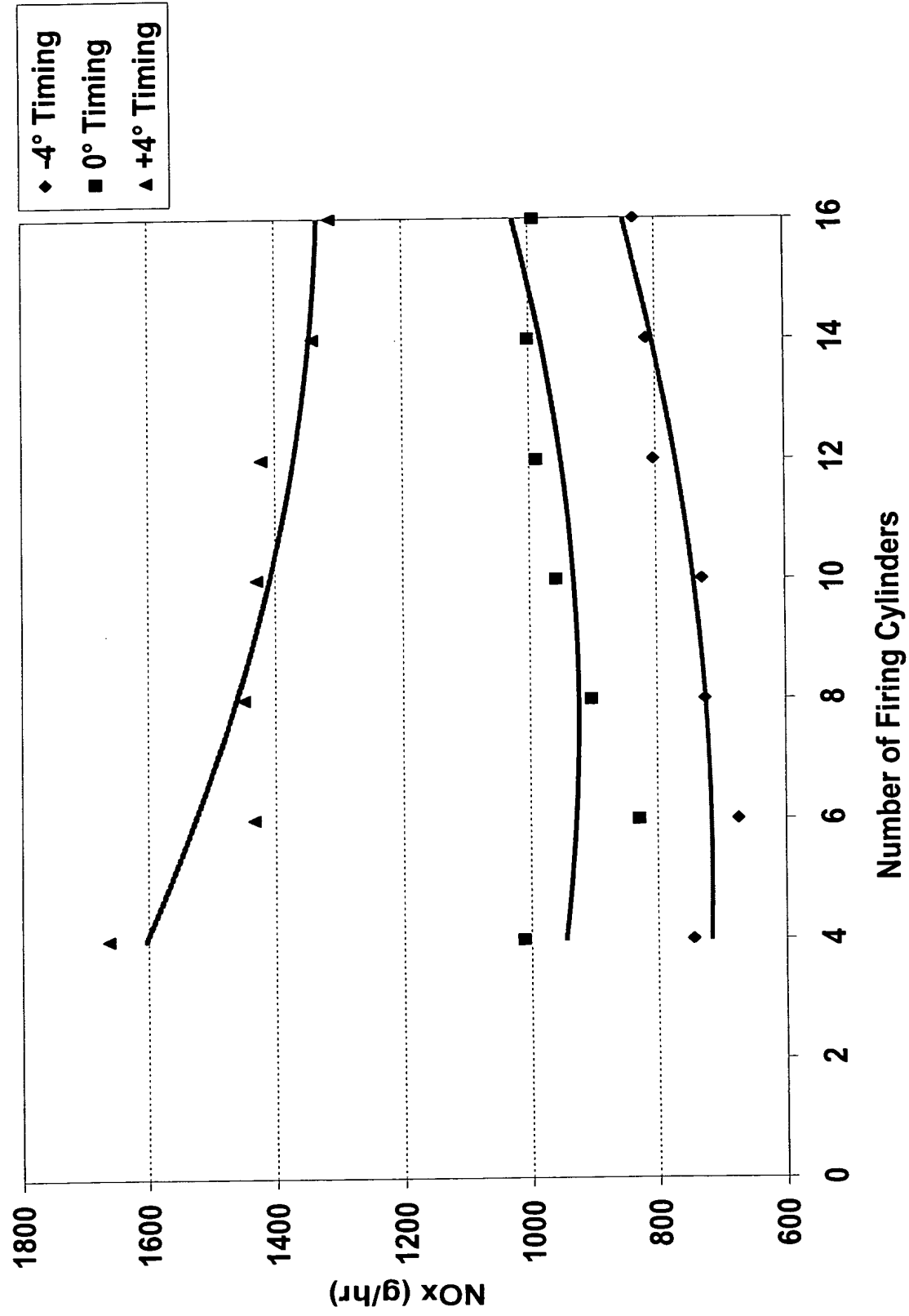


FIG. 18

# Effect of Skip-Fire on Corrected NOx at Idle

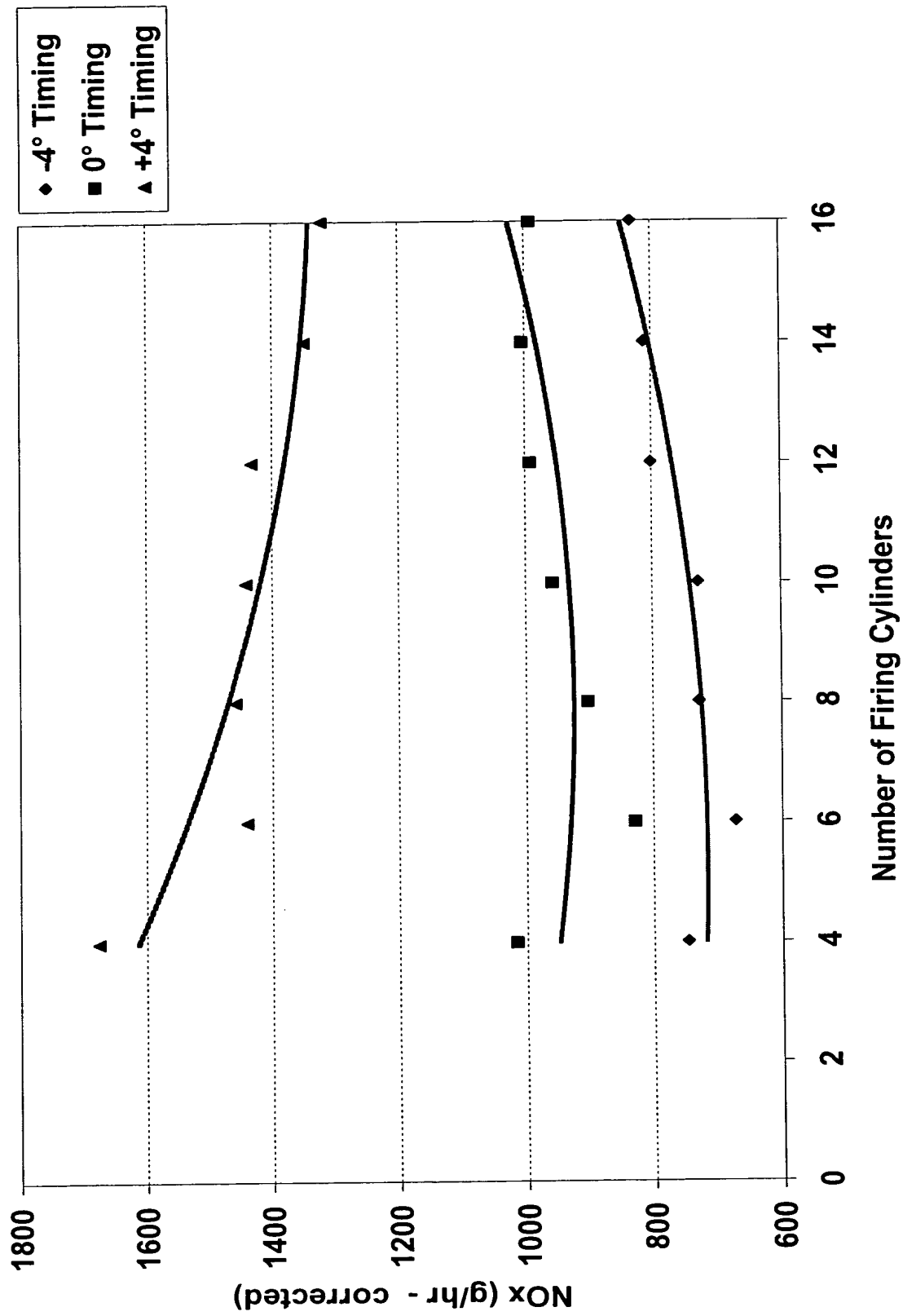


FIG. 19

Fuel Consumption  
-4° Timing

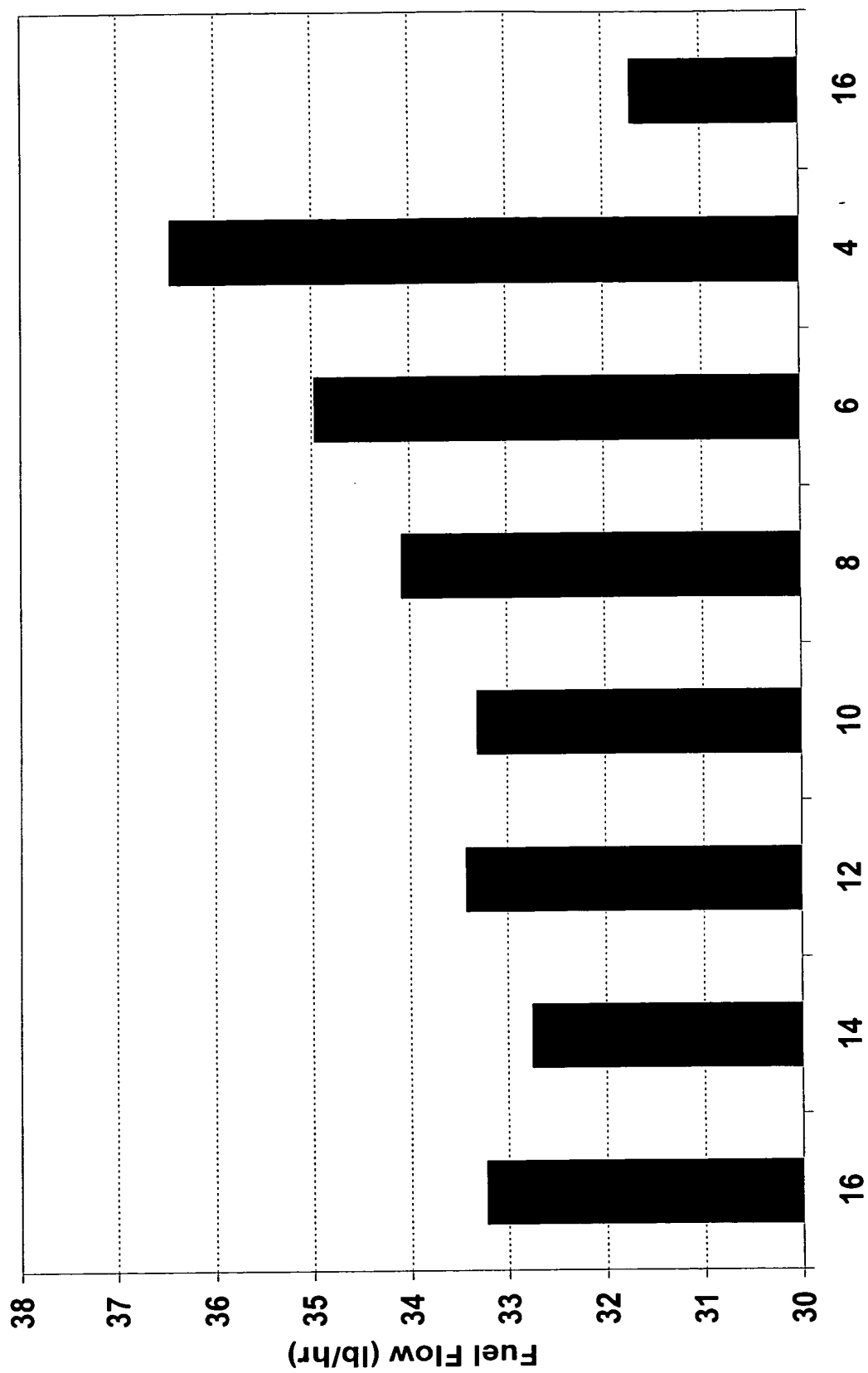


FIG. 20

Fuel Consumption  
0° Timing

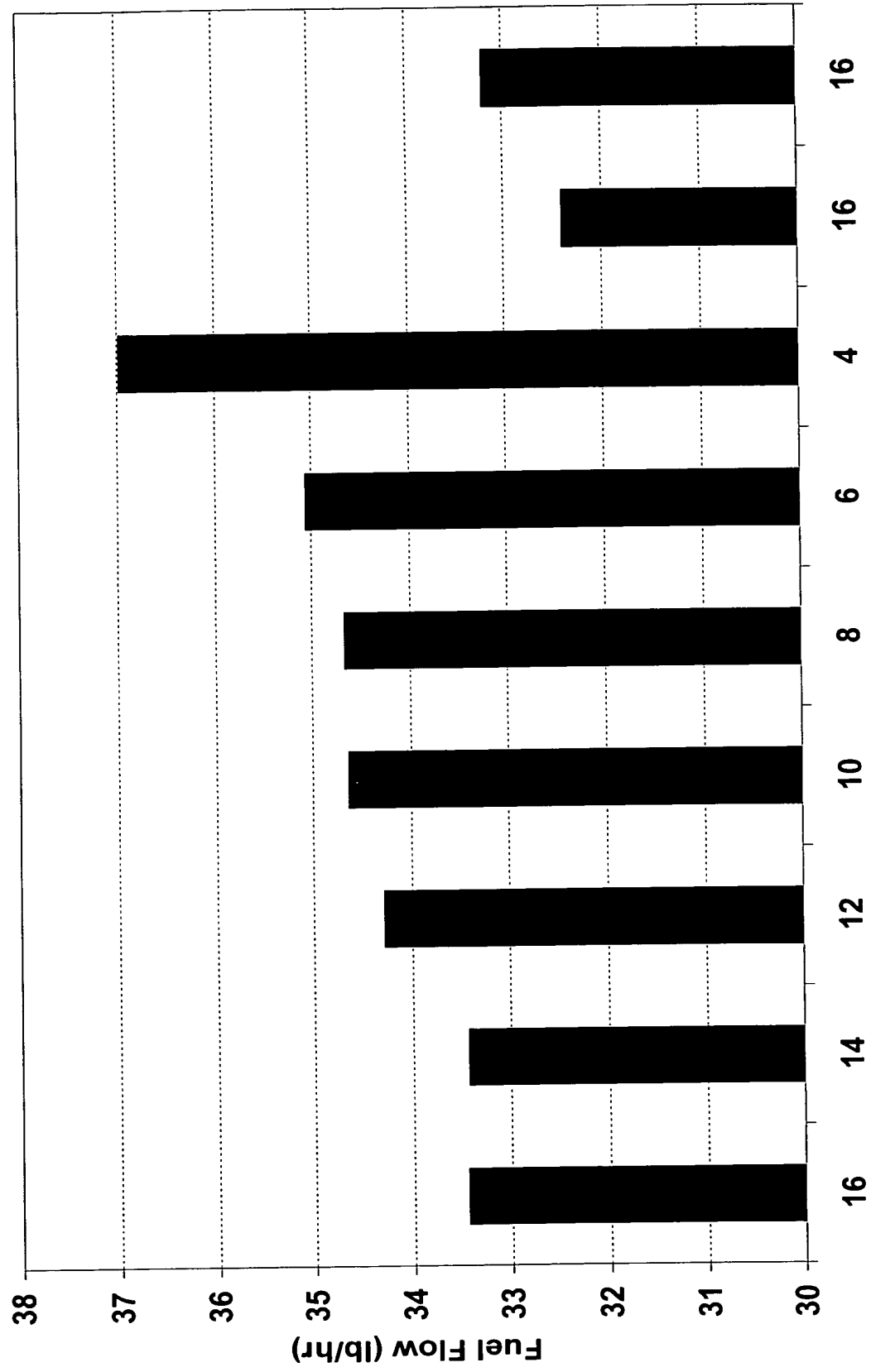


FIG. 21

Fuel Consumption  
+4° Timing

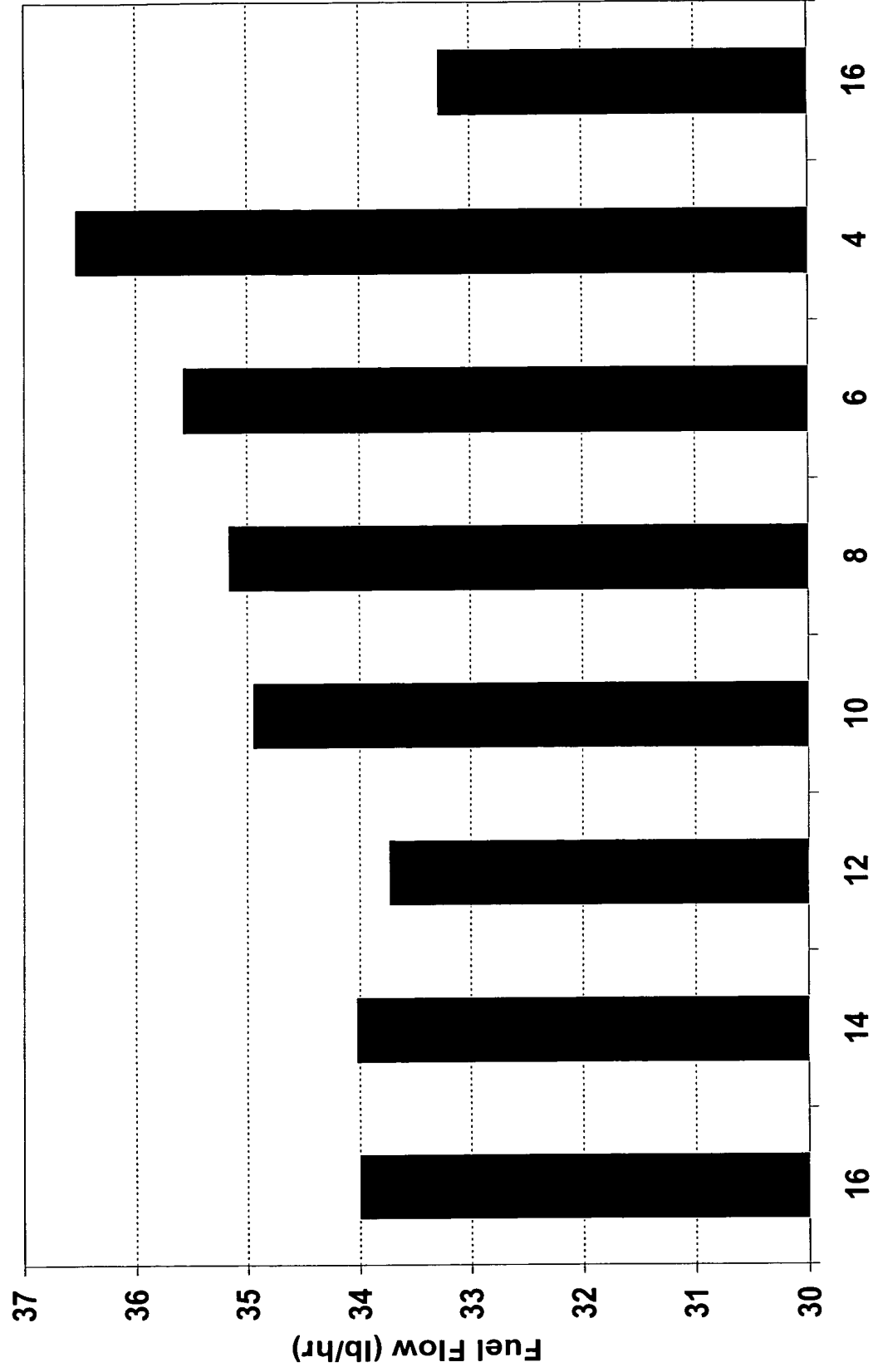


FIG. 22